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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/800,040 | 03/15/2004 | Jen-Yi Hu | 025789-00007 | 6854 |

4372 7590 09/12/2006
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WASHINGTON, DC 20036

EXAMINER

TRAN, HENRY N

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2629

DATE MAILED: 09/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|----------------------------------|--|
| Office Action Summary | Application No. 10/800,040 | Applicant(s) HU ET AL. | |
| | Examiner Henry N. Tran | Art Unit 2629 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-11 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 March 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This Application has been examined. The original claims 1-11 are pending. The examination results are as follows.

Information Disclosure Statement

1. The examiner has considered the documents listed in forms PTO-1449 submitted with the Information Disclosure Statements (IDSs) received 5/6/05 and 3/15/04 (see the attached forms PTO-1449). It's noted that the reference (A) of the IDS 5/6/05 is the same with the reference (AA) of the IDS 3/15/04, which has been considered.

Drawings

2. The drawings filed on 3/15/04 are acceptable subject to correction of the informalities. Accordingly, the formal drawings comprising replacement drawing sheets in compliance with 37 CFR 1.121(d) is required in reply to this Office action. The replacement sheets should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

Specification

3. The specification is objected to because of the following reasons:

(i) failing to provide proper antecedent basis for the subject matter illustrated in figures 1 and 2. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). They are: "Data Line's loading" (figure 1), and "SR_{m-1}" (figure 2). Corrections of the above are required.

(ii) the instruction phrases: “please verify if ...” and “please verify the accuracy ...” need to be deleted from page 5 of the specification.

Claim Objections

4. Claim 11 is objected to because of the following informalities: extra reference characters “12.” on line 8 of claim 11 need to be deleted.

Appropriate correction is required.

For the purpose of this Office action, the “12.” is deleted.

Allowable Subject Matter

5. Claims 1-11 are allowed.

6. The present invention is directed to an apparatus and methods for driving an organic light emitting display panel. The independent apparatus claim 1 requires the use of: “a first reset circuit (11)” and “a second reset circuit (12)”, and “the diode (D) is driven by a constant current after resetting the first capacitor (C1) and the second capacitor (C2)”, see figure 1; and the independent method claim 8 requires the steps of: “resetting a first capacitor (C1), resetting a second capacitor (C2), and driving the diode with a constant current when the first capacitor and the second capacitor have been reset”; whereas, the closest prior art, the Yumoto patent (U.S. Patent No. 7,015,882), and the Kwon publication (U.S. Publication No. 2006/0082524), which disclose organic light emitting display devices and driving methods having reset circuits and resetting steps, either alone or in combination, fails to teach or suggest the claimed invention.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. They are U.S. Patents Nos.: 7,046,240 issued to Kimura, 7,042,162 issued to

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Yamazaki et al, and 6,914,390 issued to Koyama, which teaches systems and methods for driving organic light emitting display panels.

8. This application is in condition for allowance except for the following formal matters:

The objections to the drawings, the specification and the claims defined in paragraphs 2, 3 and 4 above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

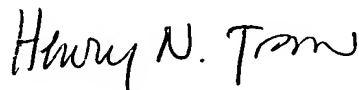
A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Henry N. Tran whose telephone number is 571-272-7760. The examiner can normally be reached on M-F 8:00-4:30.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H. Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Henry N Tran
Primary Examiner
Art Unit 2629

HT 
9/6/06